

## Memorandum

To: **Ms. Tracy McReynolds**

Date: **August 17, 2009**

From : **Department of Fish and Game-Chico Office**

Subject : **Big Chico Creek 2009 Adult Escapement Estimate**

A snorkel survey to estimate adult spring-run Chinook salmon on Big Chico Creek was not performed this year due to budgetary constraints. However, anecdotal sightings from private landowners and the public are used to generate this year's escapement estimate. Ken Grossman, land owner of the uppermost holding habitat at Higgins Hole, snorkeled the pool in late July and reported 6 adult spring-run salmon observed at the very bottom of the pool about 25-30 deep.

Reports from Jeff Mott, director of the Big Chico Creek Ecological Preserve (BCCER) CSU Chico, and Paul Maslin, retired CSU Chico Fishery Professor, reported no salmon holding in Hennings Hole during a survey in Big Chico Creek in early July.

**The 2009 spawning escapement for spring-run Chinook salmon is 6.** The total number of salmon observed in each section and water temperature data are provided in the table below.

Creek Section	# of Salmon	Temperature Range
(1) Higgins Hole To Henning's Hole	6	NA
(2) Henning's Hole To Ten Mile Gate	0	NA
(3) Ten Mile Gate To Salmon Hole	0	NA

In Sections (2) and (3) no salmon were observed in the entire reach.

Any questions or concerns about the 2009 Big Chico Creek salmon escapement survey can be addressed to me at (530) 895-5110 or [cgarman@dfg.ca.gov](mailto:cgarman@dfg.ca.gov).

Clint Garman  
Fisheries Biologist

cc: Mr. Joe Johnson  
Ms. Kathy Hill

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